

Agriculture

“aligning the agricultural
community in addressing NPS
water quality impacts”

Erosion Control

State	Treatment	Physical/Chemical				Biological				Temperature	Notes
		Turbidity/ TSS	P	N	Other	Bacteria	Invertebrates	Fish	Habitat		
IL	WASCOBs, sediment retention basins	↓									
MI	No-till, streambank stabilization	↓	↓	↓							
MN	Cons. tillage, crop rotations, cropland erosion control, grazing mgt., buffers										1
NE	Cropland erosion control, cons. tillage, filter strips, streambank stabilization	↔					↔	↔		↔	
SD	Rangeland, grazing, and riparian management	↓			↑ Riparian Vegetation						2
Range of % change		25 – 60 %	57%								3

Notes: ↓ ↑ ↔

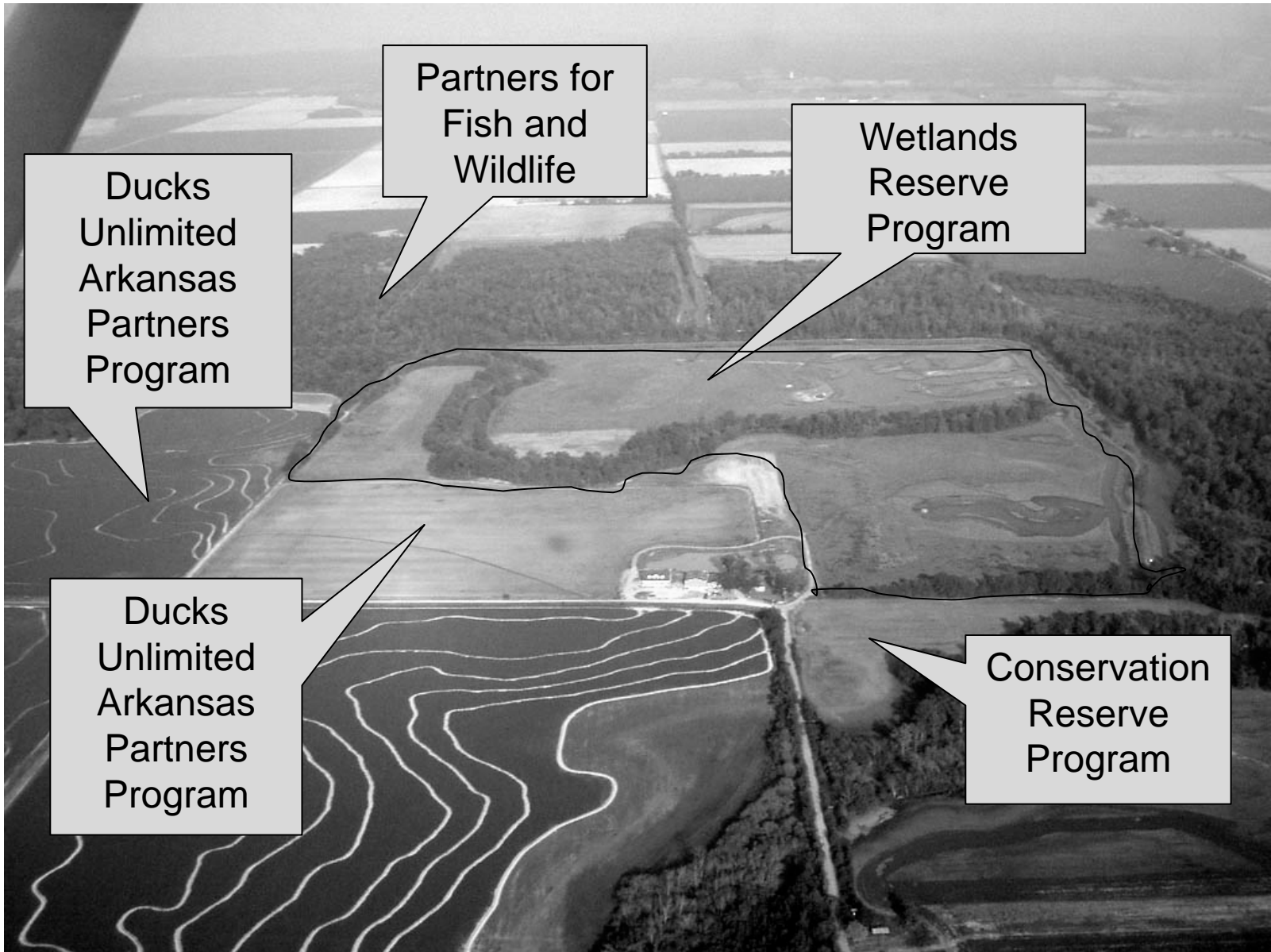
1. No results available as full land treatment implementation has not yet occurred.

2. TSS reductions documented by other monitoring (TMDL, USGS); NMP data not yet conclusive

3. Percent change values are for very general examples only; percent reductions are only valid in the proper context

Treat the Right Problems with the
Right Solutions in the
Right Places

National NPS Monitoring Program



Ducks
Unlimited
Arkansas
Partners
Program

An aerial photograph of a wetland area, likely a golf course or a large park, with various conservation programs labeled. The image shows a mix of open fields, water bodies, and dense forest. A central area is outlined in black, and several callout boxes point to specific features. The background shows a hazy horizon with more land and water.

Partners for
Fish and
Wildlife

Wetlands
Reserve
Program

Ducks
Unlimited
Arkansas
Partners
Program

Conservation
Reserve
Program

What did we find out

- Critical areas
- Delivery System (who, what)
- On-site assistance

Session Organization

- 2 speakers (Nowak and Stoodley)
- After each speaker -clarification questions only
- Brad Lamb is leading a moderated discussion on incorporating these ideas into section 319 projects (next 2 slides)

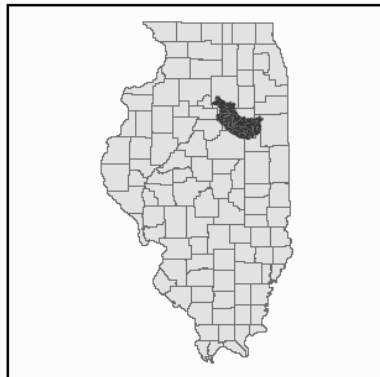
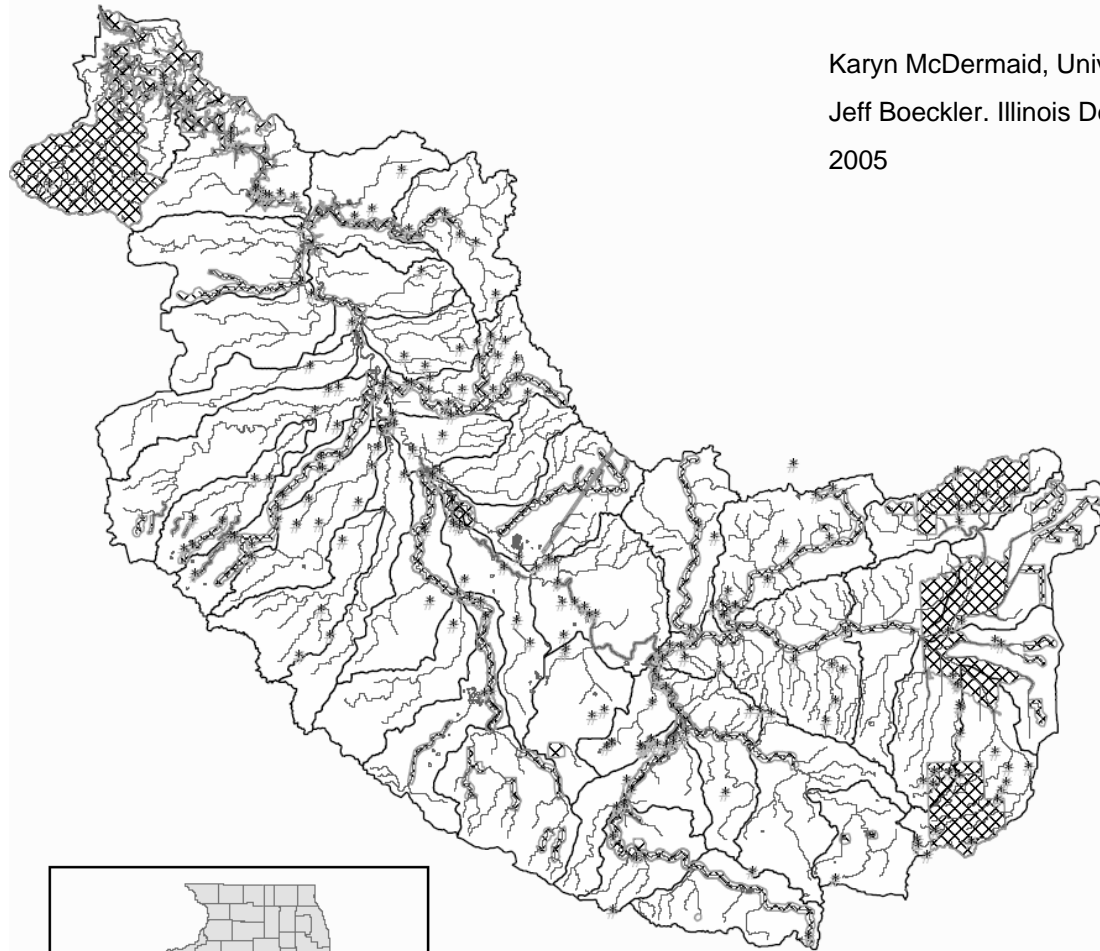
Vermilion Watershed Taskforce Landowner Willingness



Karyn McDermaid, University of Illinois

Jeff Boeckler, Illinois Department of Natural Resources

2005



Legend

* Willing Landowners

— Streams

Critical Areas

Watersheds

Delivery System

administrative goals driving environmental protection

- Critical areas not being addressed – not going out to the critical area
- Partial treatment of problems –scope and BMPS
- Not all problems being addressed
- Landowner capacity not developed

Conflicts

